

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081624\
 Data File : BM047235.D
 Acq On : 16 Aug 2024 15:11
 Operator : RC/JU
 Sample : P3582-06
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 S-855-J-SO-1.5-2-081224-FD

Quant Time: Aug 16 16:21:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Aug 11 23:47:58 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

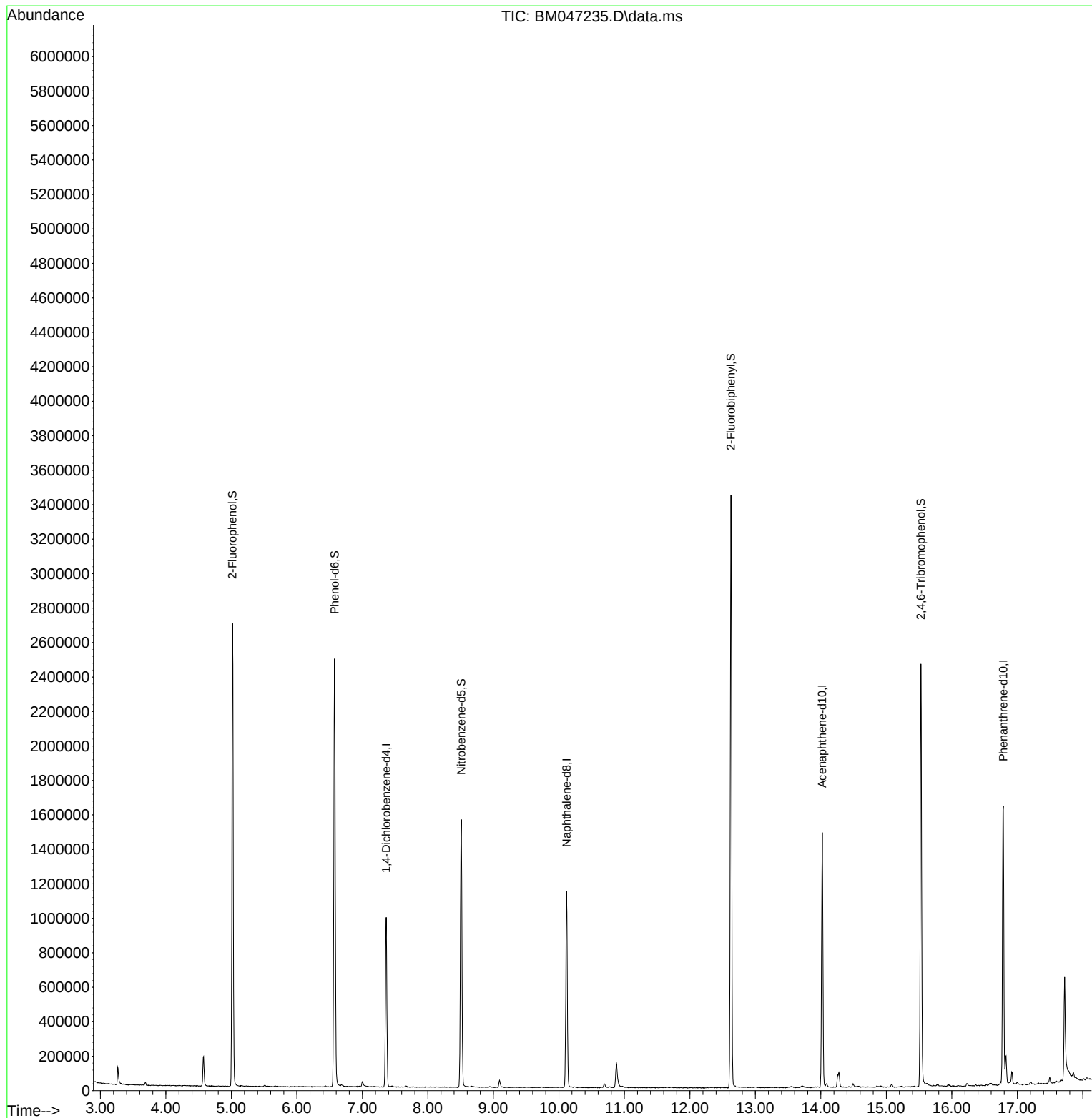
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.363	152	261112	20.000	ng	-0.01
21) Naphthalene-d8	10.116	136	905894	20.000	ng	-0.02
39) Acenaphthene-d10	14.022	164	513853	20.000	ng	-0.01
64) Phenanthrene-d10	16.786	188	986570	20.000	ng	0.00
76) Chrysene-d12	21.021	240	940300	20.000	ng	-0.01
86) Perylene-d12	23.715	264	1118618	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.016	112	1110347	75.983	ng	0.00
7) Phenol-d6	6.575	99	1384697	68.769	ng	-0.01
23) Nitrobenzene-d5	8.510	82	900723	50.066	ng	-0.01
42) 2,4,6-Tribromophenol	15.527	330	454571	76.293	ng	-0.01
45) 2-Fluorobiphenyl	12.628	172	1803954	54.153	ng	-0.02
79) Terphenyl-d14	19.451	244	2319107	52.848	ng	-0.01
Target Compounds						
75) Fluoranthene	18.862	202	182148	3.025	ng	98
78) Pyrene	19.227	202	152541	2.272	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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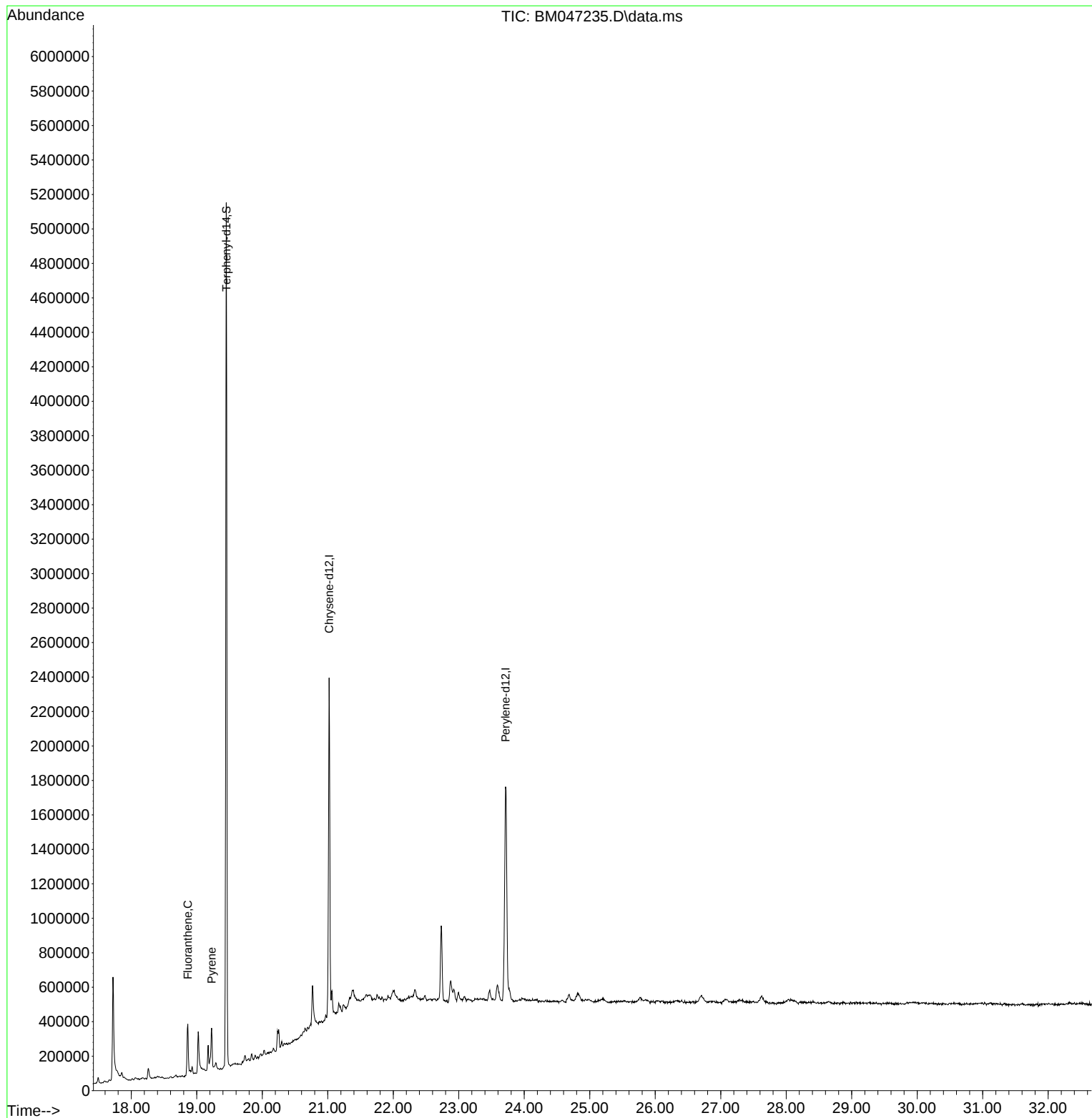
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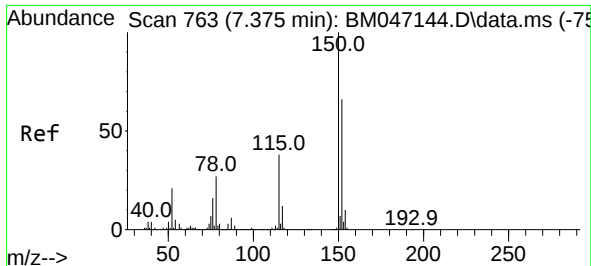


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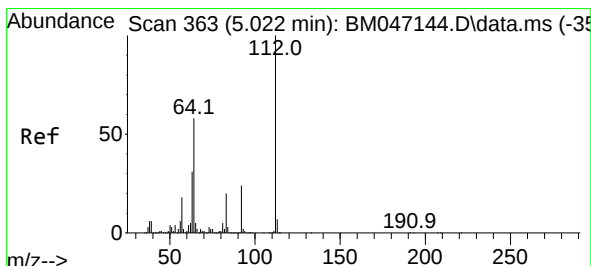
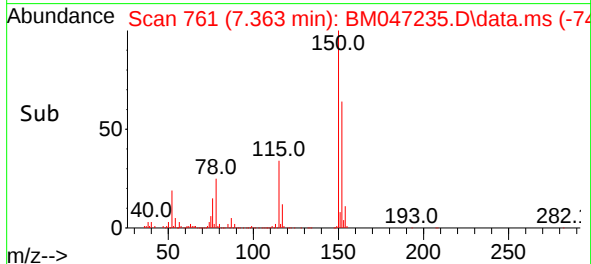
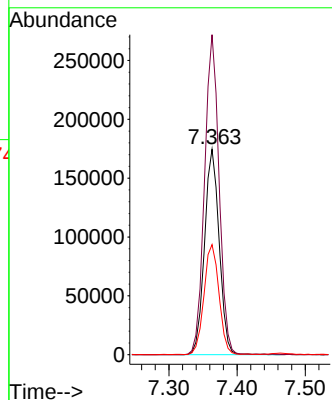
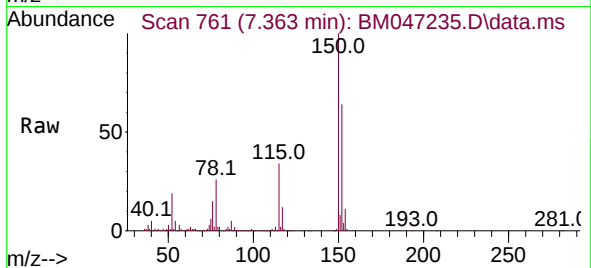




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.363 min Scan# 761
Delta R.T. -0.012 min
Lab File: BM047235.D
Acq: 16 Aug 2024 15:11

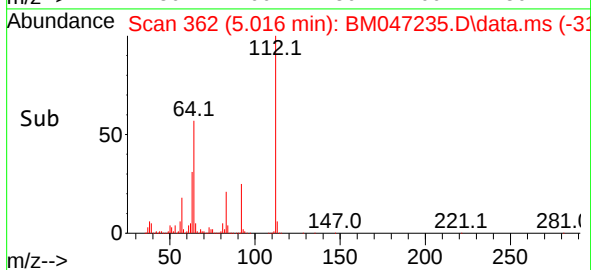
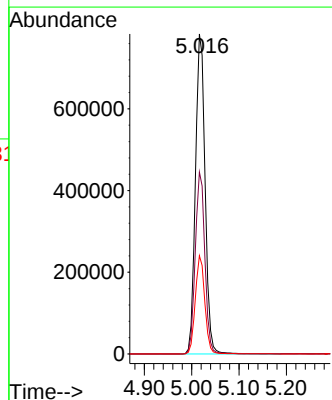
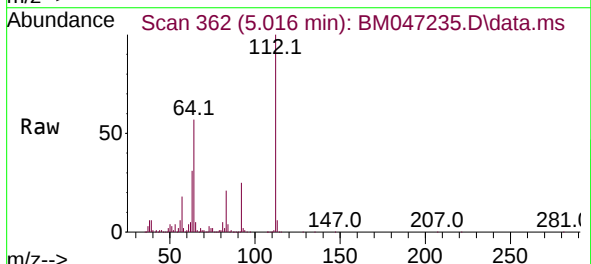
Instrument :
BNA_M
ClientSampleId :
S-855-J-SO-1.5-2-081224-FD

Tgt Ion:152 Resp: 261112
Ion Ratio Lower Upper
152 100
150 155.7 120.5 180.7
115 53.6 45.5 68.3



#5
2-Fluorophenol
Concen: 75.983 ng
RT: 5.016 min Scan# 362
Delta R.T. -0.006 min
Lab File: BM047235.D
Acq: 16 Aug 2024 15:11

Tgt Ion:112 Resp: 1110347
Ion Ratio Lower Upper
112 100
64 56.9 46.7 70.1
63 30.7 24.8 37.2

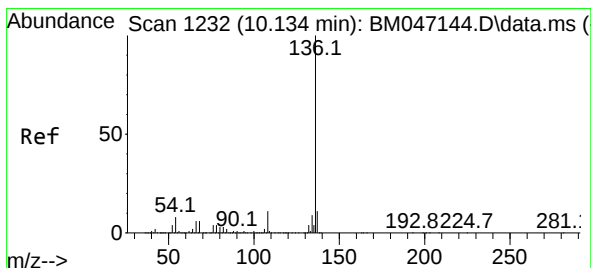
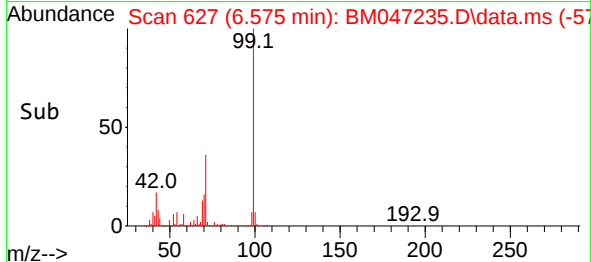
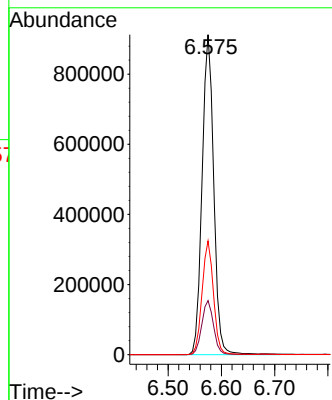
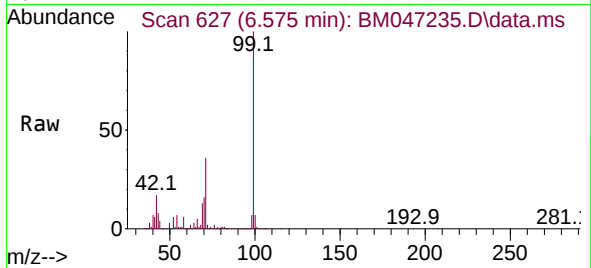




#7
Phenol-d6
Concen: 68.769 ng
RT: 6.575 min Scan# 61
Delta R.T. -0.012 min
Lab File: BM047235.D
Acq: 16 Aug 2024 15:11

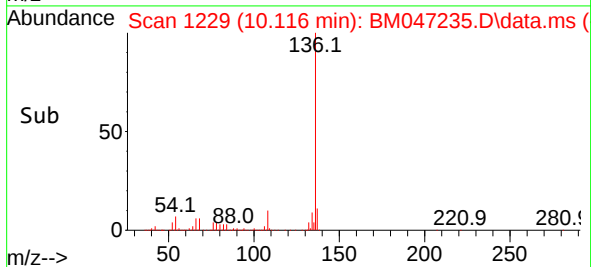
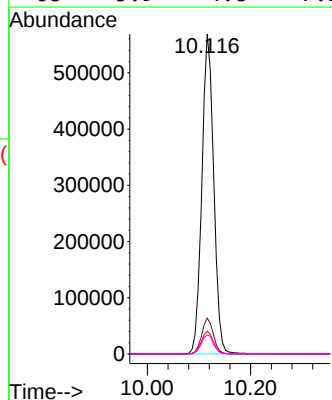
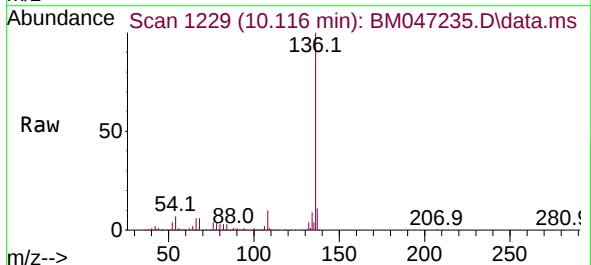
Instrument :
BNA_M
ClientSampleId :
S-855-J-SO-1.5-2-081224-FD

Tgt Ion: 99 Resp: 1384697
Ion Ratio Lower Upper
99 100
42 16.9 14.1 21.1
71 35.5 28.5 42.7



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.116 min Scan# 1229
Delta R.T. -0.018 min
Lab File: BM047235.D
Acq: 16 Aug 2024 15:11

Tgt Ion: 136 Resp: 905894
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 7.1 6.0 9.0
68 5.9 4.8 7.2

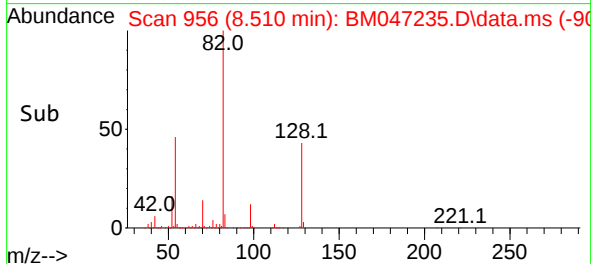
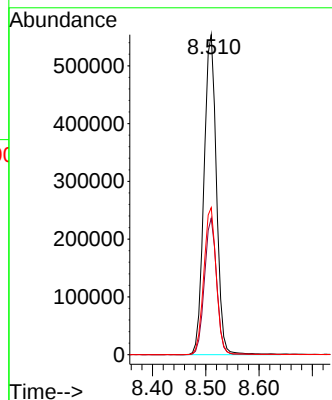
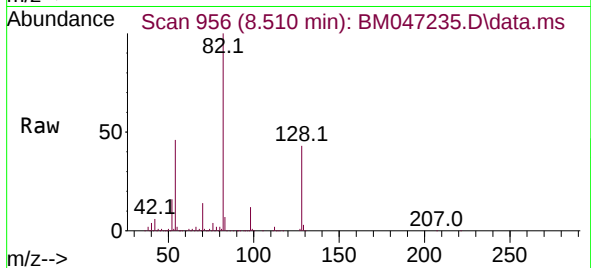




#23
Nitrobenzene-d5
Concen: 50.066 ng
RT: 8.510 min Scan# 91
Delta R.T. -0.012 min
Lab File: BM047235.D
Acq: 16 Aug 2024 15:11

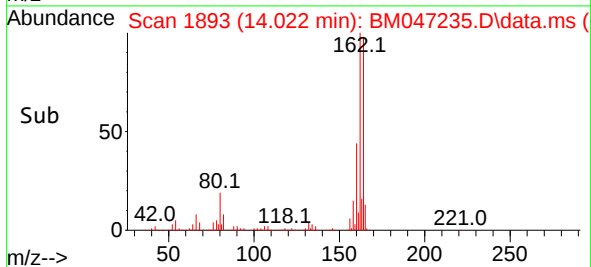
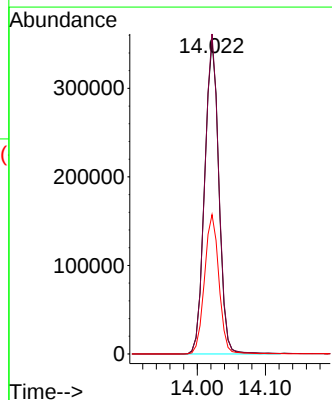
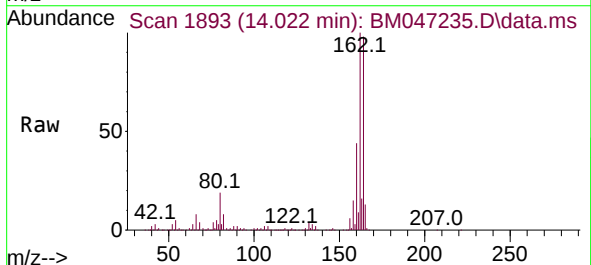
Instrument :
BNA_M
ClientSampleId :
S-855-J-SO-1.5-2-081224-FD

Tgt Ion: 82 Resp: 900723
Ion Ratio Lower Upper
82 100
128 42.7 32.3 48.5
54 45.9 37.4 56.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.022 min Scan# 1893
Delta R.T. -0.012 min
Lab File: BM047235.D
Acq: 16 Aug 2024 15:11

Tgt Ion: 164 Resp: 513853
Ion Ratio Lower Upper
164 100
162 102.4 80.7 121.1
160 44.6 36.0 54.0





#42

2,4,6-Tribromophenol

Concen: 76.293 ng

RT: 15.527 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM047235.D

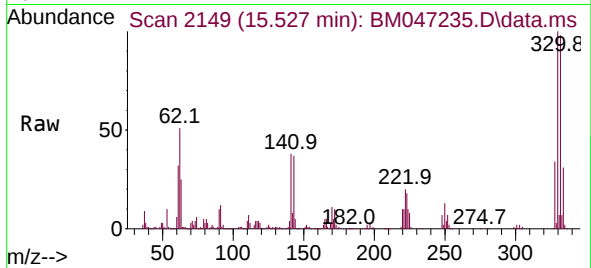
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Instrument :

BNA_M

ClientSampleId :

S-855-J-SO-1.5-2-081224-FD



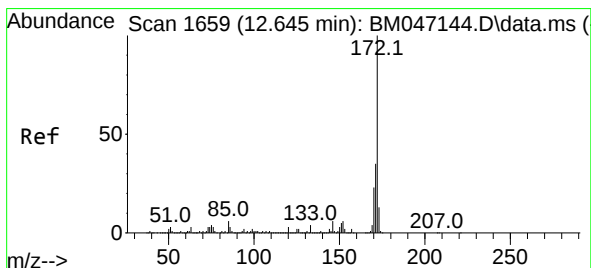
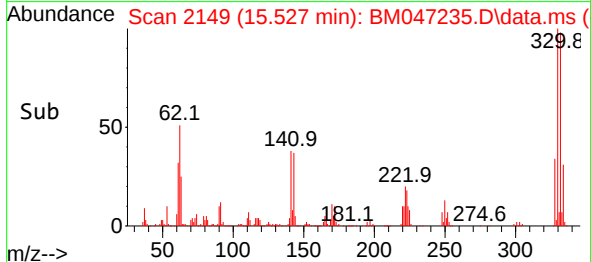
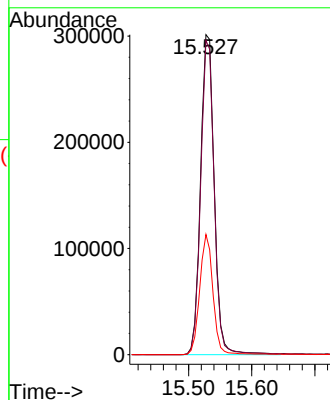
Tgt Ion:330 Resp: 454571

Ion Ratio Lower Upper

330 100

332 96.8 77.4 116.2

141 36.4 31.6 47.4



#45

2-Fluorobiphenyl

Concen: 54.153 ng

RT: 12.628 min Scan# 1656

Delta R.T. -0.017 min

Lab File: BM047235.D

Acq: 16 Aug 2024 15:11

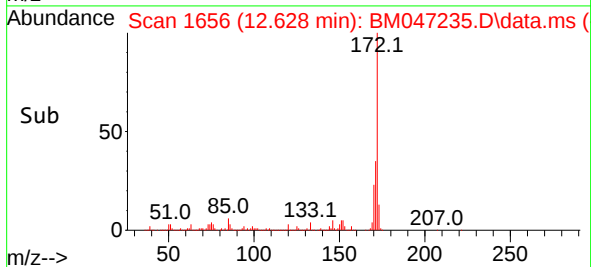
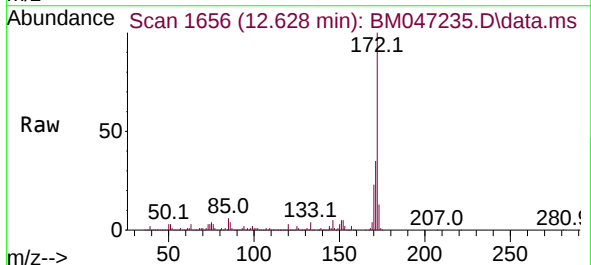
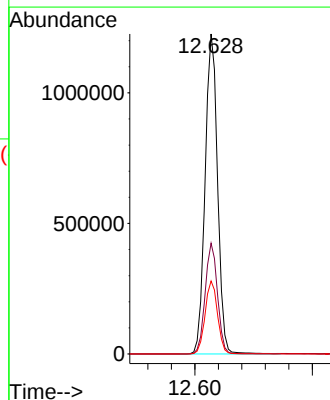
Tgt Ion:172 Resp: 1803954

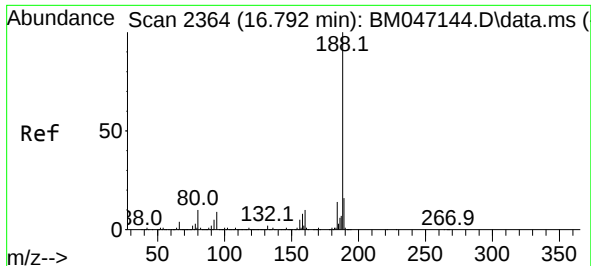
Ion Ratio Lower Upper

172 100

171 34.6 27.8 41.6

170 22.8 18.7 28.1

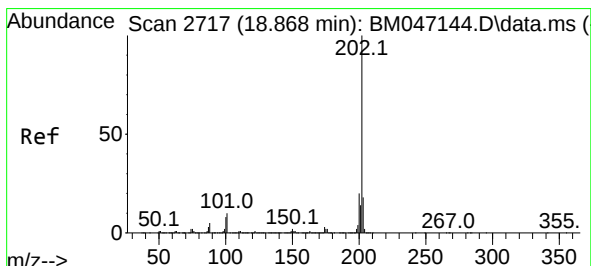
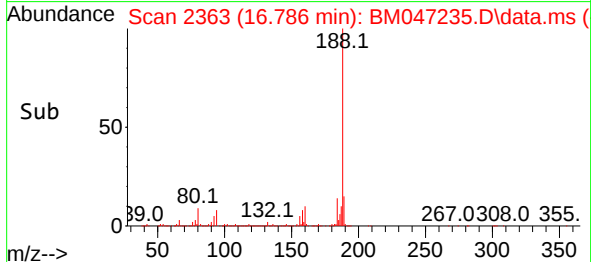
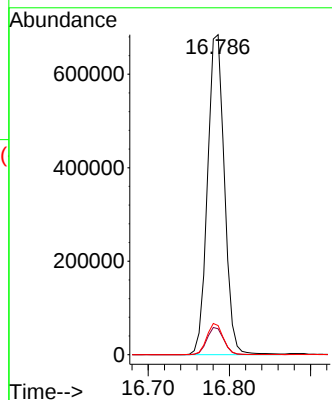
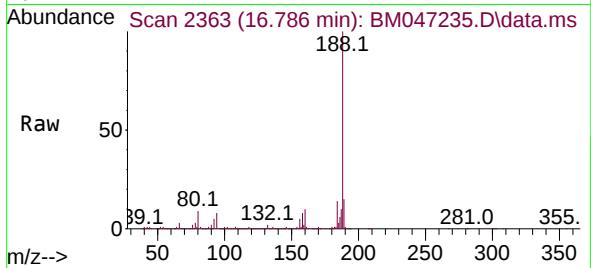




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.786 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM047235.D
Acq: 16 Aug 2024 15:11

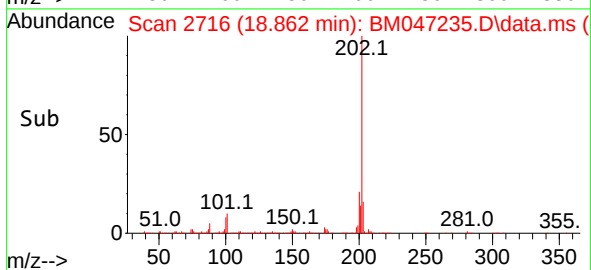
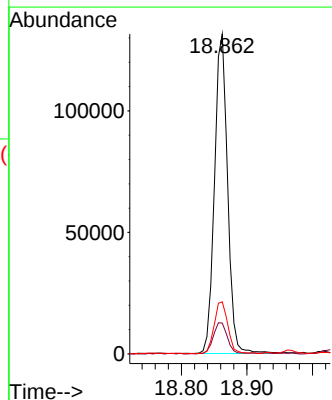
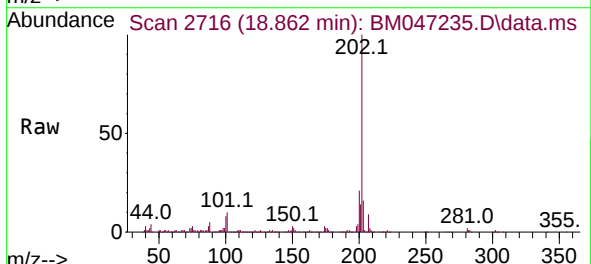
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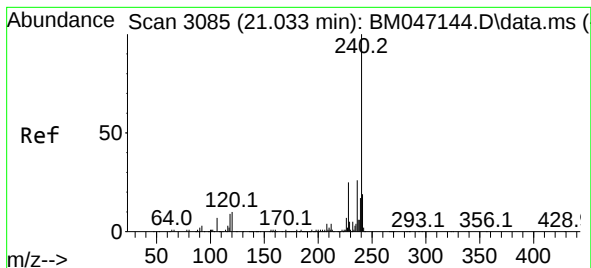
Tgt Ion:188 Resp: 986570
Ion Ratio Lower Upper
188 100
94 8.1 7.0 10.6
80 9.1 8.0 12.0



#75
Fluoranthene
Concen: 3.025 ng
RT: 18.862 min Scan# 2716
Delta R.T. -0.006 min
Lab File: BM047235.D
Acq: 16 Aug 2024 15:11

Tgt Ion:202 Resp: 182148
Ion Ratio Lower Upper
202 100
101 9.6 0.0 30.2
203 16.3 0.0 37.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.021 min Scan# 3085

Delta R.T. -0.012 min

Lab File: BM047235.D

Acq: 16 Aug 2024 15:11

Instrument :

BNA_M

ClientSampleId :

S-855-J-SO-1.5-2-081224-FD

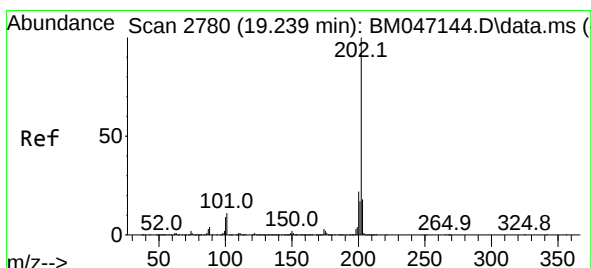
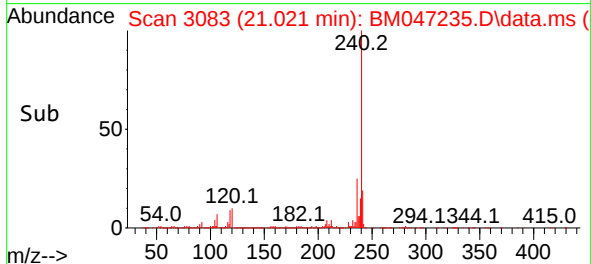
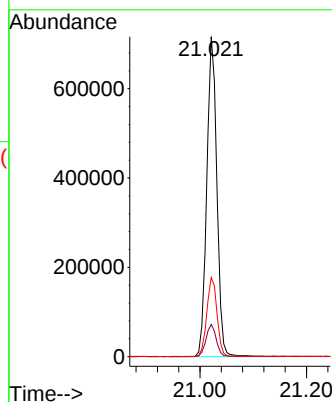
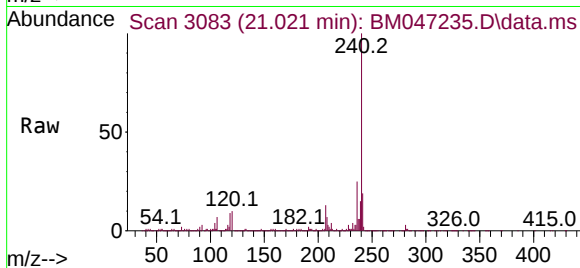
Tgt Ion:240 Resp: 940300

Ion Ratio Lower Upper

240 100

120 10.0 8.2 12.2

236 24.8 20.6 30.8



#78

Pyrene

Concen: 2.272 ng

RT: 19.227 min Scan# 2778

Delta R.T. -0.012 min

Lab File: BM047235.D

Acq: 16 Aug 2024 15:11

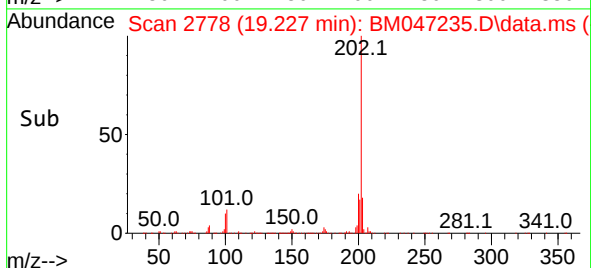
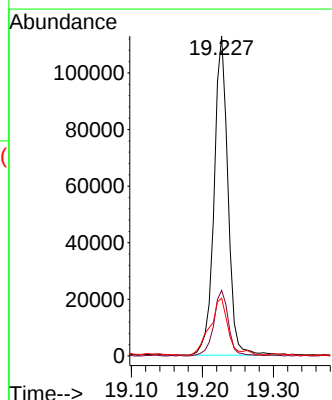
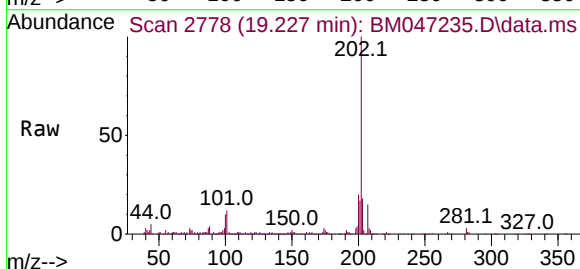
Tgt Ion:202 Resp: 152541

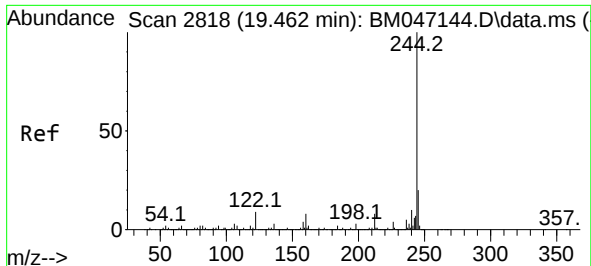
Ion Ratio Lower Upper

202 100

200 20.5 17.2 25.8

203 18.1 14.2 21.2

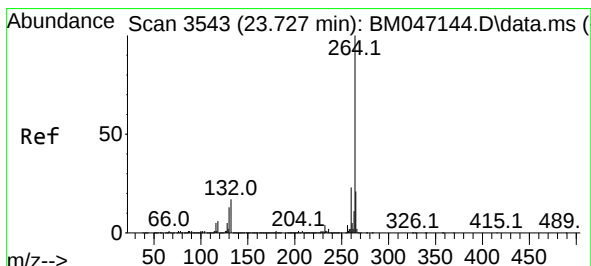
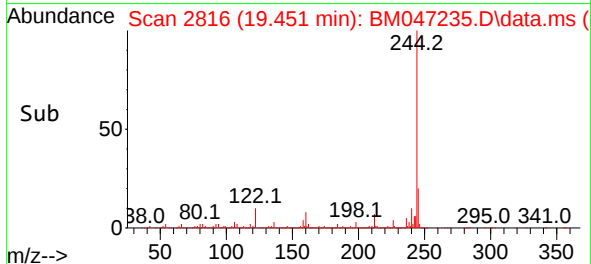
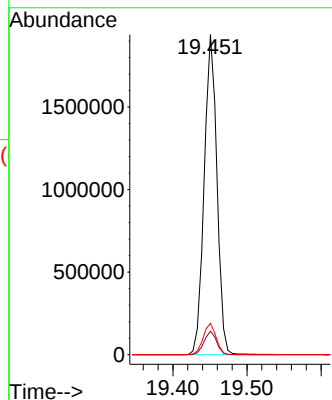
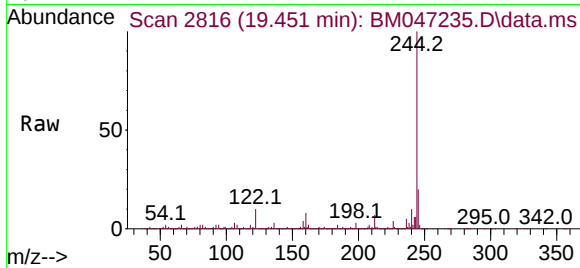




#79
Terphenyl-d14
Concen: 52.848 ng
RT: 19.451 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM047235.D
Acq: 16 Aug 2024 15:11

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Tgt Ion:244 Resp: 2319107
Ion Ratio Lower Upper
244 100
212 7.3 6.2 9.4
122 9.8 7.1 10.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.715 min Scan# 3541
Delta R.T. -0.012 min
Lab File: BM047235.D
Acq: 16 Aug 2024 15:11

Tgt Ion:264 Resp: 1118618
Ion Ratio Lower Upper
264 100
260 22.9 18.5 27.7
265 22.1 17.3 25.9

